

Name: _____

Date: _____

FOIL and Factor pop quiz (version 23)

FOIL the expressions shown below:

1. $(x - 2)(x + 2)$

$$x^2 - 4$$

2. $(x - 8)(x + 7)$

$$x^2 - x - 56$$

3. $(x + 8)(x - 2)$

$$x^2 + 6x - 16$$

4. $(x - 4)(x - 4)$

$$x^2 - 8x + 16$$

5. $(x + 4)(x + 1)$

$$x^2 + 5x + 4$$

Factor the expressions shown below:

6. $x^2 - 7x + 12$

$$(x - 3)(x - 4)$$

7. $x^2 + 11x + 30$

$$(x + 5)(x + 6)$$

8. $x^2 - 6x + 5$

$$(x - 5)(x - 1)$$

9. $x^2 - 2x - 24$

$$(x - 6)(x + 4)$$

10. $x^2 + 15x + 56$

$$(x + 7)(x + 8)$$